

Plasma Beam EM Device

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A means of efficiently direction a high frequency electromagnetic discharge in the the form a a directional beam has been demonstrated. This device is capable of projecting tens of kilowatts of average power. Peak power levels may be much higher, as much as tens of megawatts.

This device can be used for directing RF discharges onto the conducting bodies of automobiles.

This device can be used for the direct injection of RF currents, or pulsed high peak currents into the cars ignition systems and electronics.

At present SARA is pursuing an engineering effort to modularize and productize this technology for the stopping of fleeing vehicles in high speed pursuits.

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